Set Name side by side	Query	Hit Count	Set Name result set
	DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
L34	(bimodal particle size distribution)	400	L34
L33	(bimodal near particle size distribution)	410	L33
L32	(bimodal near2 particle size distribution)	535	L32
L31	L29 and (bimodal near2 particle size distribution)	0	L31
L30	L29 and bimodal particle size distribution	0	L30
L29	micron and L28	63	L29
L28	l26 and L27	205	L28
L27	titanium dioxide and mean particle diameter	728	L27
L26	l24 and L25	205	L26
L25	(cristobalite or silica or silicon dioxide) and mean particle diameter	2746	L25
L24	coat$ and silicone and (cristobalite or silica or silicon dioxide) and titanium dioxide	7532	L24
L23	silicone and l21	0	L23
L22	silicone and l18	12	L22
L21	bimodal particle size distribution near4 filler and (silicon dioxide or silica)	2	L21
L20	bimodal particle size distribution near3 filler and (silicon dioxide or silica)	1	L20
L19	bimodal particle size distribution near2 filler and (silicon dioxide or silica)	1	L19
L18	bimodal particle size distribution near5 filler and (silicon dioxide or silica)	21	L18
L17	bimodal particle size distribution near filler and (silicon dioxide or silica)	0	L17
L16	silicone and L13	19	L16
L15	silicone and L14	2	L15
L14	micron and L11	6	L14
L13	micron and L12	37	L13
L12	bimodal particle size distribution and filler and (silicon dioxide or silica)	60	L12
L11	bimodal particle size distribution and filler and titanium dioxide	20	L11
L10	bimodal particle size distribution and filler and cristobalite	0	L10
L9	bimodal particle size distribution and filler	147	L9
L8	bimodal particle size distribution	447	L8
L7	l5 and l6	1	L7
L6	mean particle diameter near 3 micron	24	L6
L5	mean particle diameter near 5 micron	44	L5

L4	mean particle diameter	13687	L4
L3	Ermuth, Josef [in]	1	L3
L2	Wink, Reinhardt [in]	1	L2
L1	Born, Andrea [in]	4	L1

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 19 of 19 returned.

1. Document ID: US 20030124259 A1

L16: Entry 1 of 19 File: PGPB Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030124259
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030124259 A1

TITLE: Precursor compositions for the deposition of electrically conductive features

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kodas, Toivo T.	Albuquerque	NM	US	
Hampden-Smith, Mark J.	Albuquerque	NM	US	
Vanheusden, Karel	Placitas	NM	US	
Denham, Hugh	Albuquerque	NM	US	
Stump, Aaron D.	Albuquerque	NM	US	
Schult, Allen B.	Albuquerque	NM	US	
Atanassova, Paolina	Albuquerque	NM	US	
Kunze, Klaus	Half Moon Bay	CA	US	

US-CL-CURRENT: 427/376.6; 106/1.23, 106/1.24, 106/1.25, 106/1.28

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

2. Document ID: US 20030119931 A1

L16: Entry 2 of 19 File: PGPB Jun 26, 2003

PGPUB-DOCUMENT-NUMBER: 20030119931
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030119931 A1

TITLE: Novel spiroorthocarbonates

PUBLICATION-DATE: June 26, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Oxman, Joel D.	St. Louis Park	MN	US	
Chappelow, Cecil C.	Leawood	KS	US	
Pinzino, Charles S.	Kansas City	MO	US	
Eick, J. David	Gladstone	MO	US	

US-CL-CURRENT: 522/14

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC
Draw Desc | Image

3. Document ID: US 20030114554 A1

L16: Entry 3 of 19 File: PGPB Jun 19, 2003

PGPUB-DOCUMENT-NUMBER: 20030114554
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030114554 A1

TITLE: Dental resin cements having improved handling properties

PUBLICATION-DATE: June 19, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ario, Paula D.	Woodbury	MN	US	
Aasen, Steven M.	Woodbury	MN	US	
Holmes, Brian N.	St. Paul	MN	US	

US-CL-CURRENT: 523/116

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC
Draw Desc | Image

4. Document ID: US 20030114553 A1

L16: Entry 4 of 19 File: PGPB Jun 19, 2003

PGPUB-DOCUMENT-NUMBER: 20030114553
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030114553 A1

TITLE: Hardenable self-supporting structures and methods

PUBLICATION-DATE: June 19, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Karim, Naimul	Maplewood	MN	US	
Jones, Todd D.	St. Paul	MN	US	
Lewandowski, Kevin M.	Inver Grove Heights	MN	US	
Fansler, Duane D.	Dresser	WI	US	
Nelson, James M.	Roseville	MN	US	
Salviejo-Rivas, Marcelino	Eagan	MN	US	
Gaddam, Babu N.	Woodbury	MN	US	
Abuelyaman, Ahmed S.	Woodbury	MN	US	
Mitra, Sumita B.	West St. Paul	MN	US	

US-CL-CURRENT: 523/115; 523/116, 524/493

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC
Draw Desc | Image

5. Document ID: US 20020115743 A1

L16: Entry 5 of 19 File: PGPB Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020115743
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020115743 A1

TITLE: Dental materials with extendable work time, kits, and methods

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Karim, Naimul	Maplewood	MN	US	
Oxman, Joel D.	St. Louis Park	MN	US	
Abuelyaman, Ahmed S.	Woodbury	MN	US	
Gaddam, Babu N.	Woodbury	MN	US	

US-CL-CURRENT: 523/115; 523/116

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC
Draw Desc | Image

6. Document ID: US 20020090525 A1

L16: Entry 6 of 19 File: PGPB Jul 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020090525
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020090525 A1

TITLE: Dental mill blanks

PUBLICATION-DATE: July 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rusin, Richard P.	Woodbury	MN	US	
Cummings, Kevin M.	Little Canada	MN	US	
Carufel, Roger J.	Croix	MN	US	

US-CL-CURRENT: 428/542.8

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC
Draw Desc | Image

7. Document ID: US 20020013380 A1

L16: Entry 7 of 19 File: PGPB Jan 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020013380
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020013380 A1

TITLE: PHOTOPOLYMERIZABLE VINYL ETHER BASED MONOMERIC FORMULATIONS AND POLYMERIZABLE COMPOSITIONS WHICH MAY INCLUDE CERTAIN NOVEL SPIROORTHOCARBONATES

PUBLICATION-DATE: January 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
CHAPPELOW, CECIL C.	LEAWOOD	KS	US	
PINZINO, CHARLES S.	KANSAS CITY	KS	US	
EICK, J. DAVID	GLADESTONE	MO	US	
OXMAN, JOEL D.	ST. LOUIS PARK	MN	US	

US-CL-CURRENT: 522/14; 522/15, 522/168, 522/170, 522/181, 522/25

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC
Draw. Desc | Image

8. Document ID: US 6506816 B1

L16: Entry 8 of 19 File: USPT Jan 14, 2003

US-PAT-NO: 6506816
DOCUMENT-IDENTIFIER: US 6506816 B1

TITLE: Dental resin cements having improved handling properties

DATE-ISSUED: January 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ario; Paula D.	Woodbury	MN		
Aasen; Steven M.	Woodbury	MN		
Holmes; Brian N.	St. Paul	MN		

US-CL-CURRENT: 523/116; 433/215, 433/228.1, 523/115, 523/118, 524/533, 524/556, 524/559, 526/323.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC
Draw. Desc | Image

9. Document ID: US 6458865 B2

L16: Entry 9 of 19 File: USPT Oct 1, 2002

US-PAT-NO: 6458865
DOCUMENT-IDENTIFIER: US 6458865 B2

TITLE: Photopolymerizable vinyl ether based monomeric formulations and polymerizable compositions which may include certain novel spiroorthocarbonates

DATE-ISSUED: October 1, 2002

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Search Results - Record(s) 1 through 2 of 2 returned.

1. Document ID: US 5744544 A

L15: Entry 1 of 2 File: USPT Apr 28, 1998

US-PAT-NO: 5744544
DOCUMENT-IDENTIFIER: US 5744544 A

TITLE: High solids copolymer dispersion from a latex and its use in sealants

DATE-ISSUED: April 28, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dunaway; James H.	Cuyahoga Falls	OH		
Hernandez; Pamela K.	Brunswick	OH		
Bidinger; Gregory P.	Copley	OH		
Lee; Biing-Lin	Broadview Heights	OH		

US-CL-CURRENT: 524/832; 524/833

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC
Draw Desc | Image

2. Document ID: US 5424101 A

L15: Entry 2 of 2 File: USPT Jun 13, 1995

US-PAT-NO: 5424101
DOCUMENT-IDENTIFIER: US 5424101 A

TITLE: Method of making metallized epoxy tools

DATE-ISSUED: June 13, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Atkins; Richard P.	Utica	MI		
Kuo; Hong-Hsiang	Troy	MI		
Wang; Chen-Shih	Troy	MI		

US-CL-CURRENT: 427/448; 427/197, 427/203, 427/205, 427/262, 427/267, 427/280, 427/404, 427/407.1, 427/419.5, 427/419.7, 427/422, 427/427, 427/449, 427/455, 427/456, 427/580

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC
Draw Desc | Image

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chappelow; Cecil C.	Leawood	KS		
Pinzino; Charles S.	Kansas City	MO		
Eick; J. David	Gladstone	MO		
Oxman; Joel D.	St. Louis Park	MN		

US-CL-CURRENT: 522/14; 433/228.1, 522/15, 522/168, 522/169, 522/170, 522/173, 522/181, 522/25, 522/28, 522/908, 523/115 , 523/116, 523/117

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw. Desc | Image

10. Document ID: US 6316100 B1

L16: Entry 10 of 19 File: USPT Nov 13, 2001

US-PAT-NO: 6316100
DOCUMENT-IDENTIFIER: US 6316100 B1

TITLE: Nickel powders, methods for producing powders and devices fabricated from same

DATE-ISSUED: November 13, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kodas; Toivo T.	Albuquerque	NM		
Hampden-Smith; Mark J.	Albuquerque	NM		
Caruso; James	Albuquerque	NM		
Skamser; Daniel J.	Albuquerque	NM		
Powell; Quint H.	Albuquerque	NM		
Chandler; Clive D.	Portland	OR		

US-CL-CURRENT: 428/357; 257/E23.075, 428/402

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw. Desc | Image

11. Document ID: US 6187833 B1

L16: Entry 11 of 19 File: USPT Feb 13, 2001

US-PAT-NO: 6187833
DOCUMENT-IDENTIFIER: US 6187833 B1
**** See image for Certificate of Correction ****

TITLE: Ternary photoinitiator system for curing of epoxy/polyol resin composition

DATE-ISSUED: February 13, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Oxman; Joel D.	St. Louis Park	MN		
Jacobs; Dwight W.	Hudson	WI		

US-CL-CURRENT: 522/15; 522/146, 522/170, 522/25, 522/81, 522/83, 522/908, 523/116, 523/117

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Image

12. Document ID: US 6043295 A

L16: Entry 12 of 19 File: USPT Mar 28, 2000

US-PAT-NO: 6043295
DOCUMENT-IDENTIFIER: US 6043295 A
**** See image for Certificate of Correction ****

TITLE: Ternary photoinitiator system for curing of epoxy resins

DATE-ISSUED: March 28, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Oxman; Joel D.	St. Louis Park	MN		
Jacobs; Dwight W.	Hudson	WI		

US-CL-CURRENT: 522/14; 430/270.1, 522/15, 522/170, 522/25, 522/81, 522/83, 522/908, 523/116, 523/117

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Image

13. Document ID: US 6025406 A

L16: Entry 13 of 19 File: USPT Feb 15, 2000

US-PAT-NO: 6025406
DOCUMENT-IDENTIFIER: US 6025406 A
**** See image for Certificate of Correction ****

TITLE: Ternary photoinitiator system for curing of epoxy resins

DATE-ISSUED: February 15, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Oxman; Joel D.	St. Louis Park	MN		
Jacobs; Dwight W.	Hudson	WI		

US-CL-CURRENT: 522/14; 522/15, 522/170, 522/25, 522/908, 523/116, 528/307, 528/406, 528/408, 528/421

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Image

14. Document ID: US 5998495 A

L16: Entry 14 of 19 File: USPT Dec 7, 1999

US-PAT-NO: 5998495
DOCUMENT-IDENTIFIER: US 5998495 A
**** See image for Certificate of Correction ****

TITLE: Ternary photoinitiator system for curing of epoxy/polyol resin compositions

DATE-ISSUED: December 7, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Oxman; Joel D.	St. Louis Park	MN		
Jacobs; Dwight W.	Hudson	WI		

US-CL-CURRENT: 522/15; 430/280.1, 430/281.1, 522/100, 522/103, 522/146, 522/170, 522/25, 522/908

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC
Draw Desc | Image

15. Document ID: US 5874197 A

L16: Entry 15 of 19 File: USPT Feb 23, 1999

US-PAT-NO: 5874197
DOCUMENT-IDENTIFIER: US 5874197 A

TITLE: Thermal assisted photosensitive composition and method thereof

DATE-ISSUED: February 23, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Felten; John James	Chapel Hill	NC		

US-CL-CURRENT: 430/281.1; 430/285.1, 430/288.1, 430/311, 430/330, 522/32

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC
Draw Desc | Image

16. Document ID: US 5856373 A

L16: Entry 16 of 19 File: USPT Jan 5, 1999

US-PAT-NO: 5856373
DOCUMENT-IDENTIFIER: US 5856373 A
**** See image for Certificate of Correction ****

TITLE: Dental visible light curable epoxy system with enhanced depth of cure

DATE-ISSUED: January 5, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kaisaki; David A.	St. Paul	MN		
Mitra; Sumita B.	West St. Paul	MN		
Schultz; William J.	Vadnais Heights	MN		
DeVoe; Robert J.	Oakdale	MN		

US-CL-CURRENT: 522/25; 522/146, 522/15, 522/168, 522/170, 522/77, 522/81, 522/83, 522/908, 523/116, 523/117

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw. Desc | Image

☐ 17. Document ID: US 5808108 A

L16: Entry 17 of 19 File: USPT Sep 15, 1998

US-PAT-NO: 5808108
DOCUMENT-IDENTIFIER: US 5808108 A

TITLE: Polymeric compositions and composites prepared from spiroorthocarbonates and epoxy monomers

DATE-ISSUED: September 15, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chappelow; Cecil C.	Leawood	KS	66209	
Eick; J. David	Gladstone	MO	64119	
Pinzino; Charles S.	Kansas City	MO	64131	

US-CL-CURRENT: 549/335; 106/35, 522/168, 522/169, 522/170, 522/25, 523/116, 528/87, 528/96, 549/14, 549/15

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw. Desc | Image

☐ 18. Document ID: US 5424101 A

L16: Entry 18 of 19 File: USPT Jun 13, 1995

US-PAT-NO: 5424101
DOCUMENT-IDENTIFIER: US 5424101 A

TITLE: Method of making metallized epoxy tools

DATE-ISSUED: June 13, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Atkins; Richard P.	Utica	MI		
Kuo; Hong-Hsiang	Troy	MI		
Wang; Chen-Shih	Troy	MI		

US-CL-CURRENT: 427/448; 427/197, 427/203, 427/205, 427/262, 427/267, 427/280, 427/404, 427/407.1, 427/419.5, 427/419.7, 427/422, 427/427, 427/449, 427/455, 427/456, 427/580

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw. Desc | Image

19. Document ID: US 5276074 A

L16: Entry 19 of 19 File: DWPI Jan 4, 1994

DERWENT-ACC-NO: 1994-016094
DERWENT-WEEK: 199402
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TITLE: Polymer concrete pipe liner compsn. - comprises cement aggregate and liq. component contg. styrene and reactive unsatd. monomers free of acrylonitrile and acrylamide

INVENTOR: ALLEN, W C

PRIORITY-DATA: 1989US-0458998 (December 29, 1989), 1991US-0773256 (October 9, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5276074 A	January 4, 1994		015	C08K003/00

INT-CL (IPC): C08K 3/00

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw. Desc | Image

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Term	Documents
SILICONE	266692
SILICONES	30709
(13 AND SILICONE).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	19
(SILICONE AND L13).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	19

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Search Results -

Term	Documents
CONTACT	2756883
CONTACTS	662142
ANGLE	1547168
ANGLES	512744
(42 AND (CONTACT ADJ ANGLE)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	2
(CONTACT ANGLE AND L42).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	2

Database: US Patents Full-Text Database; US Pre-Grant Publication Full-Text Database; JPO Abstracts Database; EPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L43

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Search History

DATE: Monday, July 14, 2003 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
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L43	contact angle and L42	2	L43
L42	(coat or coating or composit or composition) and L41	46	L42
L41	(silicone or silicone resin) and L39	47	L41
L40	silicone and L39	47	L40

L39	l37 and L38	105	L39
L38	l27 and micron	148	L38
L37	l25 and micron	883	L37
L36	l25 and L34	5	L36
L35	l27 and L34	2	L35
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L27	titanium dioxide and mean particle diameter	728	L27
L26	l24 and L25	205	L26
L25	(cristobalite or silica or silicon dioxide) and mean particle diameter	2746	L25
L24	coat$ and silicone and (cristobalite or silica or silicon dioxide) and titanium dioxide	7532	L24
L23	silicone and l21	0	L23
L22	silicone and l18	12	L22
L21	bimodal particle size distribution near4 filler and (silicon dioxide or silica)	2	L21
L20	bimodal particle size distribution near3 filler and (silicon dioxide or silica)	1	L20
L19	bimodal particle size distribution near2 filler and (silicon dioxide or silica)	1	L19
L18	bimodal particle size distribution near5 filler and (silicon dioxide or silica)	21	L18
L17	bimodal particle size distribution near filler and (silicon dioxide or silica)	0	L17
L16	silicone and L13	19	L16
L15	silicone and L14	2	L15
L14	micron and L11	6	L14
L13	micron and L12	37	L13
L12	bimodal particle size distribution and filler and (silicon dioxide or silica)	60	L12
L11	bimodal particle size distribution and filler and titanium dioxide	20	L11
L10	bimodal particle size distribution and filler and cristobalite	0	L10
L9	bimodal particle size distribution and filler	147	L9
L8	bimodal particle size distribution	447	L8

L7	l5 and l6	1	L7
L6	mean particle diameter near 3 micron	24	L6
L5	mean particle diameter near 5 micron	44	L5
L4	mean particle diameter	13687	L4
L3	Ermuth, Josef [in]	1	L3
L2	Wink, Reinhardt [in]	1	L2
L1	Born, Andrea [in]	4	L1

END OF SEARCH HISTORY

Set Name side by side	Query	Hit Count	Set Name result set
	DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
L30	L29 and bimodal particle size distribution	0	L30
L29	micron and L28	63	L29
L28	l26 and L27	205	L28
L27	titanium dioxide and mean particle diameter	728	L27
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L25	(cristobalite or silica or silicon dioxide) and mean particle diameter	2746	L25
L24	coat$ and silicone and (cristobalite or silica or silicon dioxide) and titanium dioxide	7532	L24
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L20	bimodal particle size distribution near3 filler and (silicon dioxide or silica)	1	L20
L19	bimodal particle size distribution near2 filler and (silicon dioxide or silica)	1	L19
L18	bimodal particle size distribution near5 filler and (silicon dioxide or silica)	21	L18
L17	bimodal particle size distribution near filler and (silicon dioxide or silica)	0	L17
L16	silicone and L13	19	L16
L15	silicone and L14	2	L15
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L13	micron and L12	37	L13
L12	bimodal particle size distribution and filler and (silicon dioxide or silica)	60	L12
L11	bimodal particle size distribution and filler and titanium dioxide	20	L11
L10	bimodal particle size distribution and filler and cristobalite	0	L10
L9	bimodal particle size distribution and filler	147	L9
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L7	l5 and l6	1	L7
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L2	Wink, Reinhardt [in]	1	L2
L1	Born, Andrea [in]	4	L1

Set Name side by side	Query	Hit Count	Set Name result set
	DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
L21	bimodal particle size distribution near4 filler and (silicon dioxide or silica)	2	L21
L20	bimodal particle size distribution near3 filler and (silicon dioxide or silica)	1	L20
L19	bimodal particle size distribution near2 filler and (silicon dioxide or silica)	1	L19
L18	bimodal particle size distribution near5 filler and (silicon dioxide or silica)	21	L18
L17	bimodal particle size distribution near filler and (silicon dioxide or silica)	0	L17
L16	silicone and L13	19	L16
L15	silicone and L14	2	L15
L14	micron and L11	6	L14
L13	micron and L12	37	L13
L12	bimodal particle size distribution and filler and (silicon dioxide or silica)	60	L12
L11	bimodal particle size distribution and filler and titanium dioxide	20	L11
L10	bimodal particle size distribution and filler and cristobalite	0	L10
L9	bimodal particle size distribution and filler	147	L9
L8	bimodal particle size distribution	447	L8
L7	l5 and l6	1	L7
L6	mean particle diameter near 3 micron	24	L6
L5	mean particle diameter near 5 micron	44	L5
L4	mean particle diameter	13687	L4
L3	Ermuth, Josef [in]	1	L3
L2	Wink, Reinhardt [in]	1	L2
L1	Born, Andrea [in]	4	L1

END OF SEARCH HISTORY

Set Name side by side	Query	Hit Count	Set Name result set
	DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
L16	silicone and L13 (SiO_2)	19	L16
L15	silicone and L14 TiO_2	2	L15
L14	micron and L11 (TiO_2)	6	L14
L13	micron and L12 (SiO_2)	37	L13
L12	bimodal particle size distribution and filler and (silicon dioxide or silica)	60	L12
L11	bimodal particle size distribution and filler and titanium dioxide	20	L11
L10	bimodal particle size distribution and filler and cristobalite	0	L10
L9	bimodal particle size distribution and filler	147	L9
L8	bimodal particle size distribution	447	L8
L7	l5 and l6	1	L7
L6	mean particle diameter near 3 micron	24	L6
L5	mean particle diameter near 5 micron	44	L5
L4	mean particle diameter	13687	L4
L3	Ermuth, Josef [in]	1	L3
L2	Wink, Reinhardt [in]	1	L2
L1	Born, Andrea [in]	4	L1

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 2 of 2 returned.

1. Document ID: US 6413548 B1

L43: Entry 1 of 2 File: USPT Jul 2, 2002

US-PAT-NO: 6413548
DOCUMENT-IDENTIFIER: US 6413548 B1

TITLE: Particulate encapsulation of liquid beads

DATE-ISSUED: July 2, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hamer; Monica A.	Woodbury	MN		
Marti; James J.	St. Paul	MN		
Hendrickson; William A.	Stillwater	MN		

US-CL-CURRENT: 424/489; 424/490, 424/491, 424/493, 424/497, 424/498, 428/402.2, 428/402.21, 428/403, 428/407

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Image

2. Document ID: US 6013724 A

L43: Entry 2 of 2 File: USPT Jan 11, 2000

US-PAT-NO: 6013724
DOCUMENT-IDENTIFIER: US 6013724 A

TITLE: Raindrop fouling-resistant paint film, coating composition, film-forming method, and coated article

DATE-ISSUED: January 11, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mizutani; Keita	Suita			JP
Tozaki; Yoichi	Suita			JP
Okai; Toshihiro	Katano			JP
Endou; Hozumi	Kitakyusyu			JP
Sawai; Takeshi	Kitakyusyu			JP
Matsuzoe; Nobuyuki	Kawasaki			JP

US-CL-CURRENT: 524/588; 106/15.05, 523/212, 524/448, 524/449, 524/837